

Title: HYRDO-PNEUMATIC SUSPENSION SYSTEM

Inventor: Klees

Atty. Ref. 706499US2

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HYDRO-PNEUMATIC STRUT CONTROL SCHEMATIC - with HYDRAULIC ANTI-ROLL  
ON-ROAD MODE (NORMAL ROLL STIFFNESS)

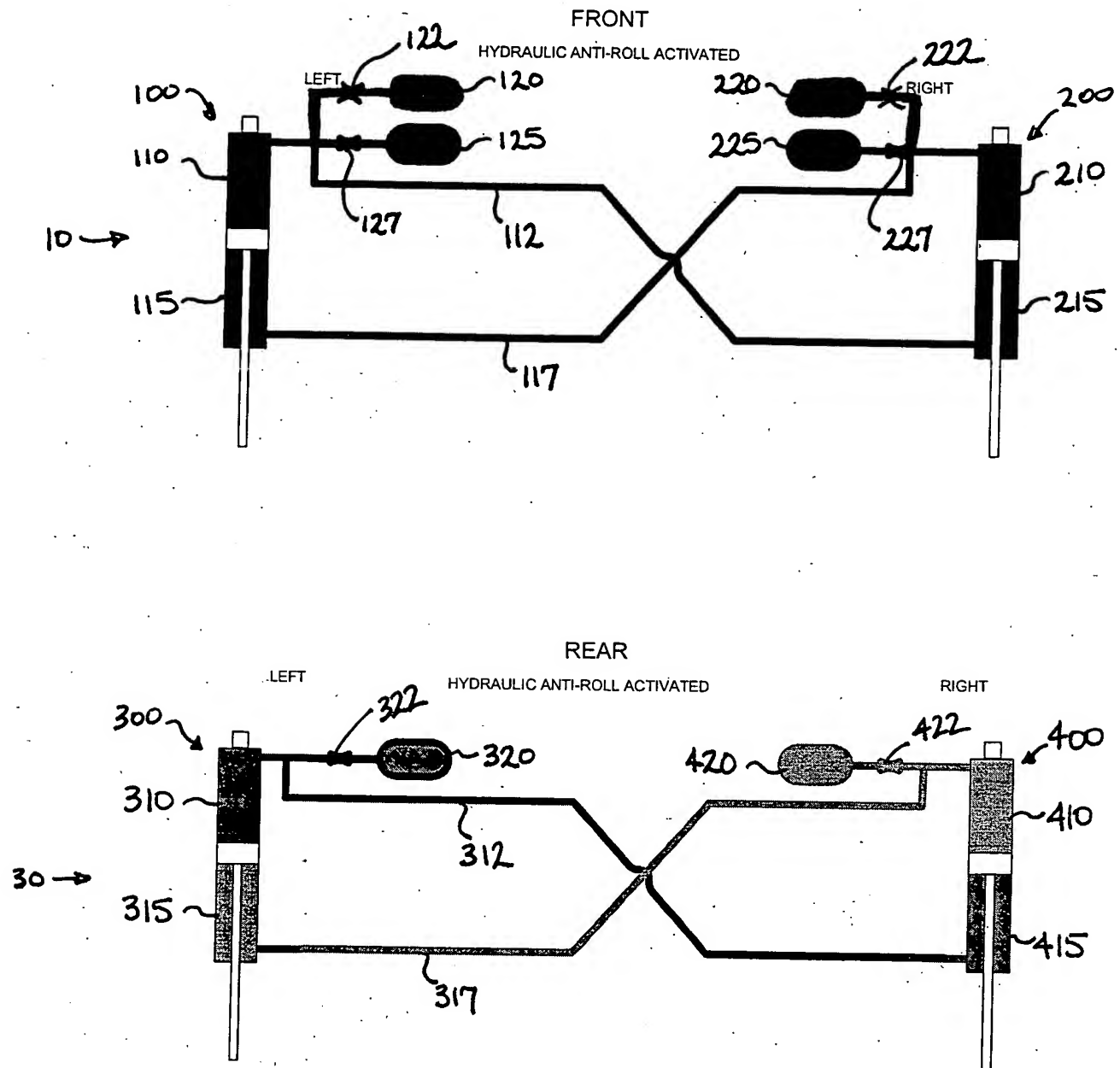


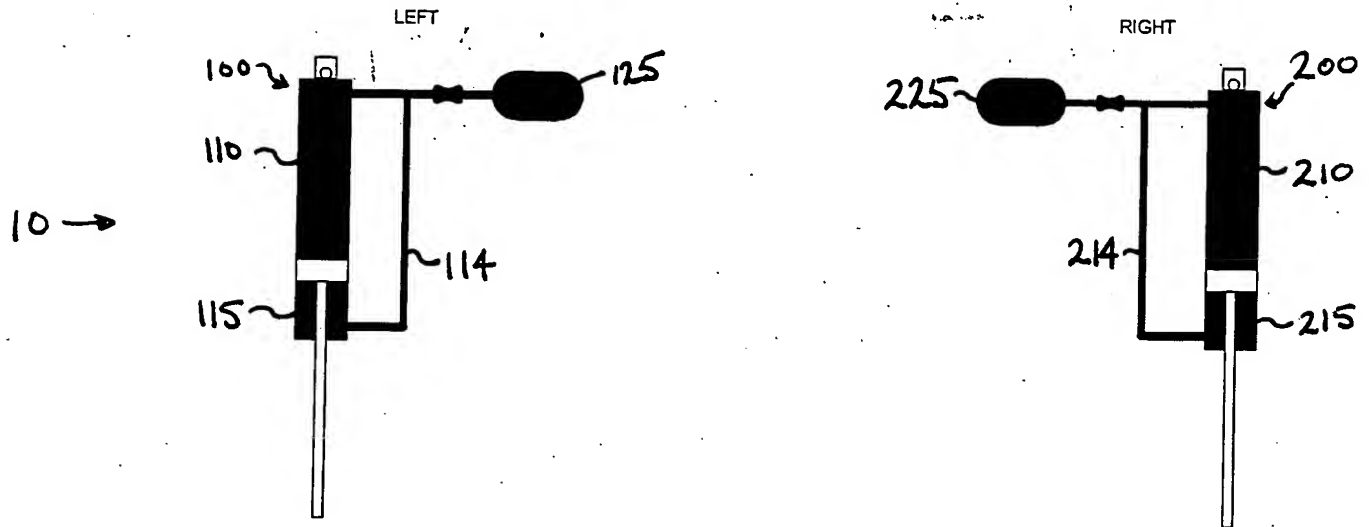
Figure 1 – Hydraulic Circuit Schematic for On-Road

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HYDRO-PNEUMATIC STRUT CONTROL SCHEMATIC - with HYDRAULIC ANTI-ROLL  
OFF-ROAD MODE (MAXIMUM AXLE ARTICULATION)

FRONT  
ANTI-ROLL DISCONNECTED



REAR  
ANTI-ROLL DISCONNECTED

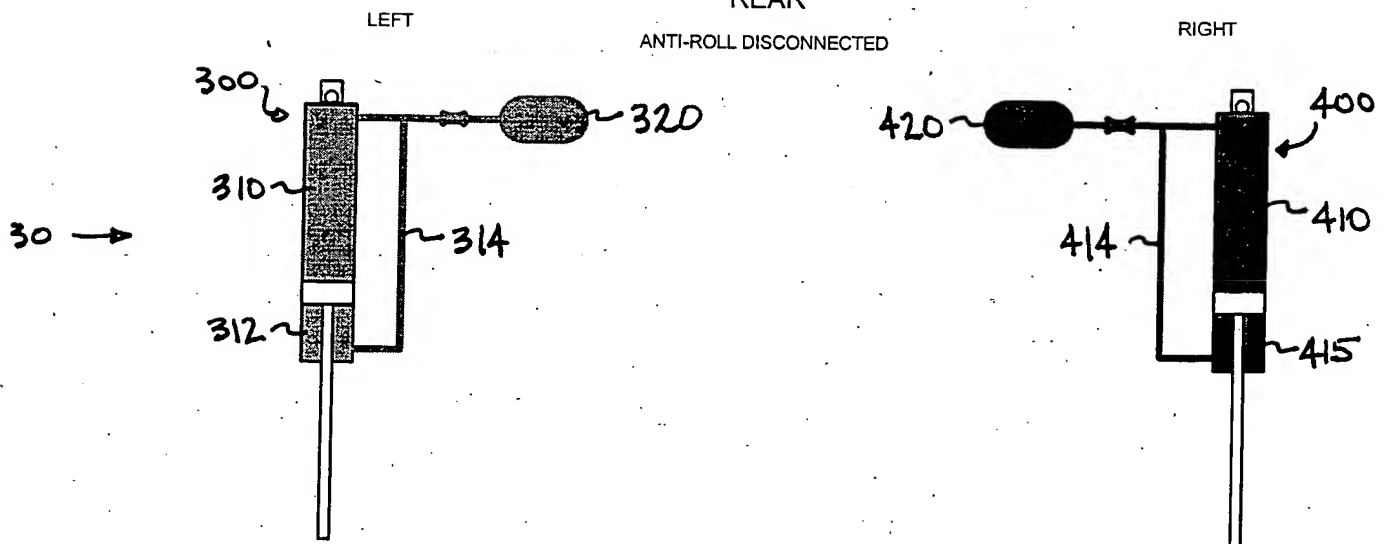


Figure 2 - Hydraulic Circuit Schematic for Off-Road

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HYDRO-PNEUMATIC STRUT CONTROL SCHEMATIC - with HYDRAULIC ANTI-ROLL  
ON-ROAD MODE (NORMAL ROLL STIFFNESS)

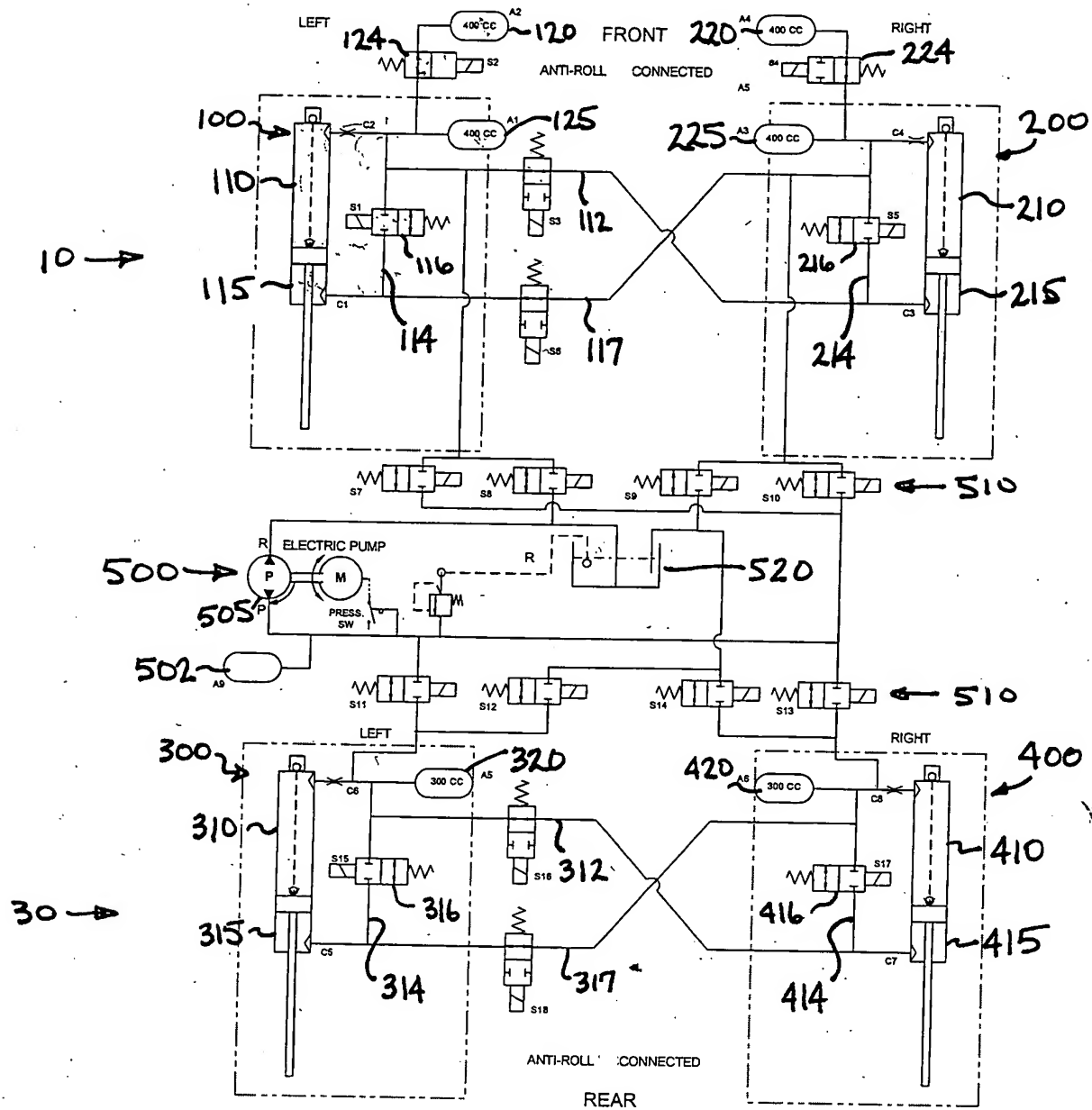


Figure 3 - Hydraulic System Schematic for Figures 1-2

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HYDRO-PNEUMATIC STRUT CONTROL SCHEMATIC -  
OFF-ROAD MODE  
REDUCED ROLL STIFFNESS

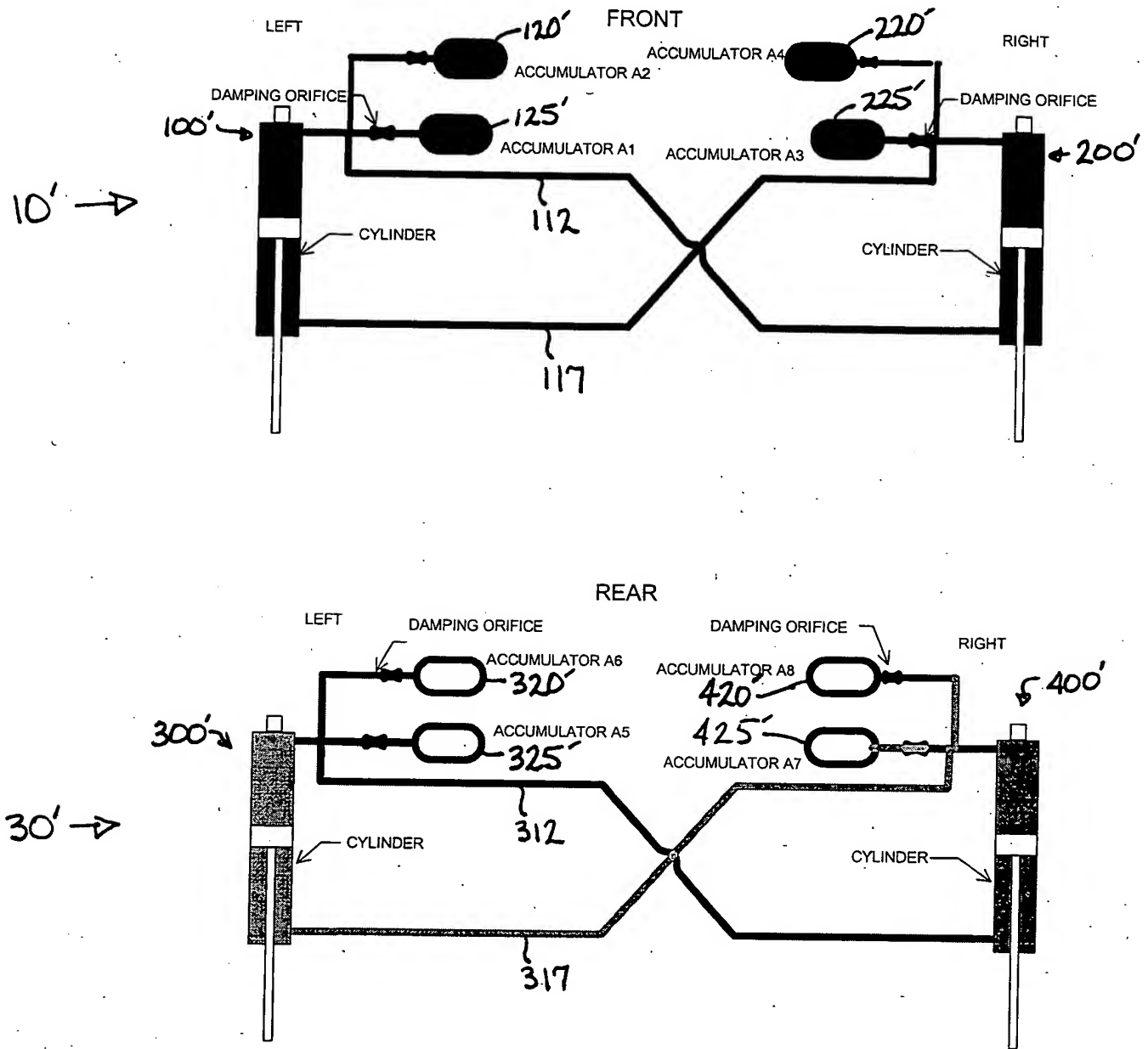
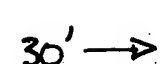


Figure 4 - Hydraulic Circuit Schematic for Off-Road

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### DUAL-MODE HYDRO-PNEUMATIC STRUT CONTROL SCHEMATIC ON-ROAD MODE (NORMAL ROLL STIFFNESS)



**Figure 5 - Hydraulic System Schematic for Figure 4**